

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1797	(divid\$3 partition\$3) with (records rows) same (boundar\$3 rules)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 15:02
L2	902	(divid\$3 partition\$3) with (records rows) with (boundar\$3 rules)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 15:02
L3	489	2 and (group\$1 set\$1) with (records rows)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 15:03
L4	269	2 and (divid\$3 partition\$3) with (group\$1 set\$1) with (records rows)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 15:04
L5	5	4 and synchroniz\$3 with (boundar\$3 rules)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 15:04
L6	9	4 and synchroniz\$5 with (boundar\$3 rules)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 16:04
L7	9	synchroniz\$5 with (boundar\$3 rules) with record with transaction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 17:12
L8	6477	(707/101,200-204).CCLS.	USPAT; USOCR	OR	OFF	2007/03/22 16:10

## EAST Search History

L9	0	8 and (synchroniz\$5 with ("row count" "record count") with record with transaction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 16:50
L10	0	(synchroniz\$5 with ("row count" "record count") with record with transaction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 16:11
L11	0	(synchroniz\$5 with ("row count" "record count") with transaction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 16:11
L12	35	(synchroniz\$5 with ("row count" "record count") )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 16:41
L13	7	synchroniz\$5 with ("row count" "record count") same record	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 16:33
L14	0	8 and (synchroniz\$5 with ("row count" "record count") )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 16:35
L16	28	12 not 13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 16:41
L17	0	8 and (synchroniz\$5 with ("time stamp" "data transformation") with record with transaction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 16:51

## EAST Search History

L18	5	8 and (synchroniz\$5 with ("time stamp" "data transformation") with record)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 16:58
L19	106	(synchroniz\$5 with ("time stamp" "data transformation") with record)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 17:08
L20	2	(synchroniz\$5 with ("time stamp" "data transformation") with record with transaction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 17:01
L21	0	9 and (multiplicity with results)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 17:02
L22	0	9 and (multiple with results)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 17:02
L23	0	9 and (plurality with results)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 17:02
L24	0	9 and "database transformation"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 17:02
L25	5	(synchroniz\$5 with ("time stamp" "data transformation") with record with result)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 17:05

## EAST Search History

L26	0	(synchroniz\$5 with ("user defined rule") with record)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 17:11
L27	0	(synchroniz\$5 with ("user-defined rule") with record)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 17:11
L28	0	(synchroniz\$5 with ("user-defined rule") same record)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 17:12
L29	0	(synchroniz\$5 with ("user defined rule") same record)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 17:12
L30	0	(synchroniz\$5 with ("user defined logic") same record)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 17:12
L31	130	synchroniz\$5 with (boundar\$3 rules) with record	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 17:13
L32	10	31 and (transaction with (boundar\$3 rule\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 17:16
L33	1	31 and (divid\$3 partition\$3) with (record\$1 same "row count")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 17:17

## EAST Search History

L34	1	31 and (divid\$3 partition\$3) with "row count"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 17:17
L35	0	31 and (divid\$3 partition\$3) with "record count"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 17:17
L36	23	31 and (divid\$3 partition\$3) with record	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 17:27
L37	2	mudunuri-gautam-h.inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 17:29
L38	1	to-raymond-g.inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 17:29
S1	18402	("707").CLAS.	USPAT; USOCR	OR	OFF	2006/09/27 13:21
S2	14962	S1 and (process\$3 with (data record))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 17:42
S3	108	S2 and (transaction with boundar\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 17:43
S4	5	S3 and (setting with boundaries)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 18:17

## EAST Search History

S5	246	("20020035565" "20020056081" "20020059267" "20020077787" "20020099691" "20020112237" "20020161770" "20020172247" "5403147" "5404513" "5405531" "5410688" "5455945" "5511190" "5519859" "5537589" "5563999" "5603024" "5655101" "5675785" "5689566" "5692181" "5706495" "5708828" "5713020" "5721903" "5721911" "5778355" "5781911" "5787415" "5794030" "5794228" "5794229" "5794246" "5799310" "5806060" "5822751" "5826258" "5832496" "5842213" "5848415" "5854890" "5857197" "5870746" "5870747" "5873102" "5884262" "5898431" "5915019" "5933796" "5982890" "5987454" "5991742" "6002402" "6003024" "6014670" "6026388" "6032145" "6032158" "6044374" "6065007" "6072492" "6078994" "6119167" "6122628" "6128624" "6141699" "6151584" "6151601" "6173310" "6192364" "6205472" "6208990" "6216125" "6233575" "6262598" "6269336" "6269369" "6272485" "6292657" "6308203" "6336137" "6339775" "6369840" "6385604" "6393386" "6404884" "6408292" "6411936" "6418200" "6421781" "6424426" "6430624" "6438522" "6446059" "6446062" "6446096" "6449619" "6457030" "6466969" "6477525" "6480711" "6487584" "6491304" "6493800" "6502101" "6526335" "6535872" "6539359" "6549910" "6549937" "6553366" "6563912" "6564264" "6574599" "6581062" "6601062" "6616701" "6629102" "6631497" "6636870" "6671689" "6721728" "6736870").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 18:25
S6	130	S5 and (data with process\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 18:25
S7	6	S6 and (divid\$3 partition\$3) with records	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 18:48

## EAST Search History

S8	18007	(divid\$3 partition\$3) with records	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 18:55
S9	6263	S8 and (record with (sets groups))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 18:56
S11	496	S9 and ("row count" "time stamp" "user defined" rules) same (divid\$3 partition\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:45
S12	436	S11 and (data record) with (process\$3 or transform\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 19:01
S14	142	S12 and (real\$time not batch\$mode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 19:01
S15	92	S14 and synchroniz\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 19:02
S16	58	S15 and boundar\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 19:03
S17	55	S16 and @ad<"20031203"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 19:44

## EAST Search History

S18	34	S15 not S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 19:44
S19	13	S18 and @ad<"20031203"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 19:44
S20	365	S8 and ("row count" "time stamp" "user defined" rules) same (divid\$3 partition\$3) same records	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 20:00
S21	100	S20 and ("data processing" or "data transformation" or "data transforming")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 20:01
S22	24	S21 and boundar\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:44
S23	1108	"records partition" "records division"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:44
S24	8	S23 same ("row count" "time stamp" "user defined" rules)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:48
S25	5	S23 same rule	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:49



## EAST Search History

S26	385	S23 and records with processing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:49
S27	181	S26 and (cluster\$3 group\$4) with records	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:50
S28	64	S27 and boundaries	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:50
S29	11	S27 and boundaries same records	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 16:50
S30	1058	user\$defined with rule	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 18:47
S31	658	user\$defined near2 rule	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 19:06
S32	0	S31 and (rule near (dividing or division or partition) same records)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 18:48
S33	5	S31 and (rule same (dividing or division or partition) same records)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 18:48

## EAST Search History

S34	0	user\$defined near2 rule same (divid\$3 or division or partition or pars\$3) same records	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 19:06
S35	5	user\$defined same rule same (divid\$3 or division or partition or pars\$3) same records	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 19:10
S36	132	user\$defined same rule same (divid\$3 or division or partition or pars\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 19:10
S37	15	S36 and (divid\$3 or division or partition or pars\$3) with records	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 19:11
S38	6	statement same rule same sql same (partition or divi\$4) same records	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 11:59


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### 1 [Assessing Ada 9X OOP: building a reusable components library](#)



Bernard Banner, Edmond Schonberg

 December 1992 **Proceedings of the conference on TRI-Ada '92 TRI-Ada '92**

Publisher: ACM Press

Full text available: pdf(1.11 MB)

 Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

### 2 [Concepts and paradigms of object-oriented programming](#)



Peter Wegner

 August 1990 **ACM SIGPLAN OOPS Messenger**, Volume 1 Issue 1

Publisher: ACM Press

Full text available: pdf(5.52 MB)

 Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

We address the following questions for object-oriented programming: *What is it? What are its goals? What are its origins? What are its paradigms? What are its design alternatives? What are its models of concurrency? What are its formal computational models? What comes after object-oriented programming?* Starting from software engineering goals, we examine the origins and paradigms of object-oriented programming, explore its language design alternatives ...

### 3 [Jigsaw: solving the puzzle of enterprise 802.11 analysis](#)



Yu-Chung Cheng, John Bellardo, Péter Benkő, Alex C. Snoeren, Geoffrey M. Voelker, Stefan Savage

 August 2006 **ACM SIGCOMM Computer Communication Review , Proceedings of the 2006 conference on Applications, technologies, architectures, and protocols for computer communications SIGCOMM '06**, Volume 36 Issue 4

Publisher: ACM Press

Full text available: pdf(1.21 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The combination of unlicensed spectrum, cheap wireless interfaces and the inherent convenience of untethered computing have made 802.11 based networks ubiquitous in the enterprise. Modern universities, corporate campuses and government offices routinely de-ploy scores of access points to blanket their sites with wireless Internet access. However, while the fine-grained behavior of the 802.11 protocol itself has been well studied, our understanding of how large 802.11 networks behave in their full ...

**Keywords:** 802.11, measurement, monitoring, wireless networks

#### 4 Dynamic control of performance monitoring on large scale parallel systems



Jeffrey K. Hollingsworth, Barton P. Miller

August 1993 **Proceedings of the 7th international conference on Supercomputing ICS '93**

**Publisher:** ACM Press

Full text available: [pdf\(1.24 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Performance monitoring of large scale parallel computers creates a dilemma: we need to collect detailed information to find performance bottlenecks, yet collecting all this data can introduce serious data collection bottlenecks. At the same time, users are being inundated with volumes of complex graphs and tables that require a performance expert to interpret. We present a new approach called the W3 Search Model, that addresses both these problems by combining dynamic o ...

#### 5 Optimal and efficient clock synchronization under drifting clocks



Rafail Ostrovsky, Boaz Patt-Shamir

May 1999 **Proceedings of the eighteenth annual ACM symposium on Principles of distributed computing PODC '99**

**Publisher:** ACM Press

Full text available: [pdf\(1.13 MB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

#### 6 Selective, accurate, and timely self-invalidation using last-touch prediction



An-Chow Lai, Babak Falsafi

May 2000 **ACM SIGARCH Computer Architecture News , Proceedings of the 27th annual international symposium on Computer architecture ISCA '00**, Volume 28 Issue 2

**Publisher:** ACM Press

Full text available: [pdf\(147.55 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Communication in cache-coherent distributed shared memory (DSM) often requires invalidating (or writing back) cached copies of a memory block, incurring high overheads. This paper proposes Last-Touch Predictors (LTPs) that learn and predict the "last touch" to a memory block by one processor before the block is accessed and subsequently invalidated by another. By predicting a last-touch and (self-)invalidating the block in advance, an LTP hides the inval ...

#### 7 Formal verification of algorithms for critical systems



John Rushby, Friedrich von Henke

September 1991 **ACM SIGSOFT Software Engineering Notes , Proceedings of the conference on Software for critical systems SIGSOFT '91**, Volume 16 Issue 5

**Publisher:** ACM Press

Full text available: [pdf\(1.59 MB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

#### 8 Group F: synchronization: Adaptive clock synchronization in sensor networks



Santashil PalChaudhuri, Amit Kumar Saha, David B. Johnson

April 2004 **Proceedings of the third international symposium on Information processing in sensor networks IPSN '04**

**Publisher:** ACM Press

Full text available:  [pdf\(176.03 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Recent advances in technology have made low cost, low power wireless sensors a reality. Clock synchronization is an important service in any distributed system, including sensor network systems. Applications of clock synchronization in sensor networks include data integration in sensors, sensor reading fusion, TDMA medium access scheduling, and power mode energy saving. However, for a number of reasons, standard clock synchronization protocols are unsuitable for direct application in sensor network ...

**Keywords:** clock synchronization, probabilistic algorithms, sensor networks


## 9 [A version control approach to Cache coherence](#)



Hoichi Cheong, Alex Veidenbaum

June 1989 **Proceedings of the 3rd international conference on Supercomputing ICS '89**

**Publisher:** ACM Press

Full text available:  [pdf\(1.03 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

A version control approach to maintain cache coherence is proposed for large-scale shared-memory multiprocessor systems with interconnection networks. The new approach, unlike existing approaches for such class of systems, makes it possible to exploit temporal locality across synchronization boundaries. As with the other software-directed approaches, each processor independently manages its cache, i.e., there is no interprocessor communication involved in maintaining cache coherence ...

**Keywords:** parallel task execution, software-directed cache coherence, version control


## 10 [TRIPS: A polymorphous architecture for exploiting ILP, TLP, and DLP](#)



Karthikeyan Sankaralingam, Ramadass Nagarajan, Haiming Liu, Changkyu Kim, Jaehyuk Huh, Nitya Ranganathan, Doug Burger, Stephen W. Keckler, Robert G. McDonald, Charles R. Moore

March 2004 **ACM Transactions on Architecture and Code Optimization (TACO)**, Volume 1 Issue 1

**Publisher:** ACM Press

Full text available:  [pdf\(832.30 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper describes the *polymorphous* TRIPS architecture that can be configured for different granularities and types of parallelism. The TRIPS architecture is the first in a class of post-RISC, dataflow-like instruction sets called explicit data-graph execution (EDGE). This EDGE ISA is coupled with hardware mechanisms that enable the processing cores and the on-chip memory system to be configured and combined in different modes for instruction, data, or thread-level parallelism. To adapt ...

**Keywords:** Computer architecture, configurable computing, scalable and high-performance computing

## 11 [Session 13: scheduling and operating systems: Application-specific protocols for user-level shared memory](#)



Babak Falsafi, Alvin R. Lebeck, Steven K. Reinhardt, Ioannis Schoinas, Mark D. Hill, James R. Larus, Anne Rogers, David A. Wood

November 1994 **Proceedings of the 1994 ACM/IEEE conference on Supercomputing Supercomputing '94**

**Publisher:** ACM Press

Full text available:  pdf(1.12 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

*Recent distributed shared memory (DSM) systems and proposed shared-memory machines have implemented some or all of their cache coherence protocols in software. One way to exploit the flexibility of this software is to tailor a coherence protocol to match an application's communication patterns and memory semantics. This paper presents evidence that this approach can lead to large performance improvements. It shows that application-specific protocols substantially improved the performance of t ...*

## 12 [Fault tolerant distributed services](#)



Allan D. Griefer, H. Raymond Strong

January 1988 **Proceedings of the seventh annual ACM Symposium on Principles of distributed computing PODC '88**

**Publisher:** ACM Press

Full text available:  pdf(1.12 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

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John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

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- Exclude pages by using a - if a search term must not appear on a page.

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 T. Fiebig, S. Helmer, C.-C. Kanne, G. Moerkotte, J. Neumann, R. Schiele, T. Westmann  
 December 2002 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 11 Issue 4

Publisher: Springer-Verlag New York, Inc.

 Full text available: pdf(300.97 KB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

Several alternatives to manage large XML document collections exist, ranging from file systems over relational or other database systems to specifically tailored XML base management systems. In this paper we give a tour of Natix, a database management system designed from scratch for storing and processing XML data. Contrary to the common belief that management of XML data is just another application for traditional databases like relational systems, we illustrate how almost every component in a ...

**Keywords:** Database, XML

### 2 CHOP: A constraint-driven system-level partitioner



Kayhan Kükçakar, Alice C. Parker

 June 1991 **Proceedings of the 28th conference on ACM/IEEE design automation DAC '91**

Publisher: ACM Press

 Full text available: pdf(677.75 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

### 3 Risks to the public in computers and related systems



Peter G. Neumann

 April 1990 **ACM SIGSOFT Software Engineering Notes**, Volume 15 Issue 2

Publisher: ACM Press

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